

CLAIMS

1. Device for axial maintenance of a cylindrical
element and more particularly of a cable (1),
comprising a coupling bushing (3) which is threaded
externally and which is prolonged in the axial
5 direction by tightening nut strips (9), and a covering
nut (6) comprising internally a reduced pressure
surface (11) intended to act on the ends of the nut
strips (9) of the coupling bushing (3) and to deform
them radially towards the cylindrical element (1)
10 previously introduced into said coupling bushing (3)
after crossing said nut (6), the device characterised
in that it further comprises a sleeve (4) also provided
with nut strips (10) and whose external diameter is at
most equal to the internal diameter of the coupling
15 bushing (3) in which said sleeve (4) is intended to be
introduced beginning by said strips (10) with which it
is provided, said coupling bushing (3) being further
provided internally with a reduced pressure surface
(12), intended to act on the nut strips (10) of the
20 sleeve (4).

2. Device according to claim 1 characterised in that the pressure surface (12) of the coupling bushing (3) and the sleeve (4) have dimensions such that the strips (10) of said sleeve are anchored in the cylindrical element (1) during the tightening of the nut (6).

3. Device according to either one or the other of claims 1 and 2 characterised in that it is provided with a tubular packing seal (5) intended to be inserted in the final position between the cylindrical element (1), the sleeve (4) and the strips (9) of the coupling bushing (3).

4. Device according to claim 3 characterised in that the packing seal (5) is in two parts (5a, 5b) with different external diameters, the smallest external diameter corresponding substantially to the internal diameter of the sleeve (4) and the biggest diameter corresponding substantially to the internal diameter of the coupling bushing (3).

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